#4

## PROPRIETARY MATERIAL NOT OPEN TO PUBLIC. TO BE OPENED ONLY BY EXAMINER OR OTHER AUTHORIZED PATENT AND TRADEMARK OFFICE EMPLOYEE



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of

Yoshiaki SAKATANI, et al.

Appln. No. 09/901,609

Group Art Unit: Unknown

Confirmation No.: 7608

Examiner: Unknown

Filed: July 11, 2001

For: TITANIU

TITANIUM OXIDE, AND PHOTOCATALYST AND PHOTOCATALYST COATING

COMPOSITION USING THE SAME

#### TRANSMITTAL OF PROPRIETARY INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

Submitted herewith, in accordance with the provisions of MPEP § 724, is an Information

Disclosure Statement including proprietary information.

Respectfully submitted,

J. Frank Osha

Registration No. 24,625

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Washington, D.C. 20037-3213 Telephone: (202) 293-7060 Facsimile: (202) 293-7860

. .

Date: OCT 1 0 2001

#### PATENT APPLICATION

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshiaki SAKATANI, et al.

Appln. No. 09/901,609

Confirmation No.: 7608

Filed: July 11, 2001

For: TITANIUM OXIDE, AND PHOTOCATALYST AND PHOTOCATALYST COATING

Group Art Unit: Unknown

Examiner: Unknown

COMPOSITION USING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

- 1. European Patent Application No. 1 065 169 A1, published January 3, 2001.
- 2. European Patent Application No. 1 095 908 A1, published May 2, 2001
- 3. S. Sato, "Photocatalytic Activity of NO<sub>X</sub>-DOPED TiO<sub>2</sub> In The Visible Light Region", Chemical Physics Letters, Vol. 123, No. 1,2 (pp. 126-128).
- 4. Japanese Patent Application No. 2000-140636, published May 23, 2000 with English Abstract.

Yoshiaki SAKATANI et al. 09/901,609

INFORMATION DISCLOSURE STATEMENT

One copy of each of the listed documents is submitted herewith.

months from the application's filing date for an application other than a continued prosecution

The present Information Disclosure Statement is being filed: (1) No later than three

application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the

merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a

request for continued examination (RCE) under §1.114, and therefore, no Statement under

37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98 (a) (3)

for foreign language documents, Applicants rely on the English Abstract as the brief statement of

relevance.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

Respectfully submitted,

J. Frank Osha

Registration No. 24,625

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W.

Washington, D.C. 20037-3213

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

Date: OCT 1 0 2001

2

## PROPRIETARY MATERIAL NOT OPEN TO PUBLIC. TO BE OPENED ONLY BY EXAMINER OR OTHER AUTHORIZED PATENT AND TRADEMARK OFFICE EMPLOYEE

PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re application of

Yoshiaki SAKATANI, et al.

Appln. No. 09/901,609

Group Art Unit: Unknown

Confirmation No.: 7608

Examiner: Unknown

Filed: July 11, 2001

For:

TITANIUM OXIDE, AND PHOTOCATALYST AND PHOTOCATALYST COATING

COMPOSITION USING THE SAME

# PROPRIETARY INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98 AND IN ACCORDANCE WITH MPEP § 724

Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the following U.S. Patent applications which the Examiner may deem material to an examination of the above-identified application.

Serial No.	Applicant's Name	Filing Date
09/820,367	Sakatani et al.	March 29, 2001
09/819,790	Sawabe et al.	March 29, 2001
09/820,363	Sakatani et al.	March 29, 2001

Yoshiaki SAKATANI et al. 09/901,609

INFORMATION DISCLOSURE STATEMENT

One copy of each of the listed documents is submitted herewith.

months from the application's filing date for an application other than a continued prosecution

The present Information Disclosure Statement is being filed: (1) No later than three

application (CPA) under §1.53(d); (2) Before the mailing date of the first Office Action on the

merits (whichever is later); or (3) The first Office Action after filing a request for continued

examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee

under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such

documents constitute prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

This paper contains proprietary information and is being submitted in accordance with

the procedures of MPEP § 724.

Respectfully submitted,

Registration No. 24,625

J. Frank Osha

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC

2100 Pennsylvania Avenue, N.W. Washington, D.C. 20037-3213

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

Date:

OCT 1 0 2001

2